HW#40: Area/Perimeter in the Coordinate Plane

Geometry

Due: November 10th, 2015

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP:\_\_\_\_\_

Failure to show work will result in a LaSalle.

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| --- | --- | --- |
| You will be able to find the area of shapes on a coordinate grid. | | |
| Criteria for Success: Did you…   * Identify the correct shape * Use the correct formula * Determine the side lengths * Examine your answer: Does it answer the question? Does it make sense? Include units? | | |
| 1. What is the area of square STUV?Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 4.58.50 AM.png | 2. What is the area of UVWX?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 4.59.12 AM.png | |
| 3. What is the perimeter of square XWYZ?Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 4.59.30 AM.png | 4. What is the perimeter of VWXY?Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 5.03.11 AM.png | |
| 5. What is the area of a right triangle whose sides 8, 15, 17? | 6. What is the area of a parallelogram whose height is 12 and base is 6? Draw a picture. | |
| 7. Find the measure of angle b.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 5.09.21 AM.png | | 8. Find the measure of angle b.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 5.09.21 AM.png |
| 9. Find the measure of angle b.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 5.09.21 AM.png | | 10. Find the measure of angle b.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 5.09.21 AM.png |
| 11. Find the measure of angle b.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 5.09.21 AM.png | | 12. Find the measure of angle b.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 5.09.21 AM.png |
| 12. Solve for r.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 5.13.10 AM.png | | 13. Solve for m.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 5.13.10 AM.png |
| 14. Solve for n.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 5.13.10 AM.png | | 15. Solve for p.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-11-09 at 5.13.10 AM.png |